

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

5   **Listing of Claims:**

Claim 1 (currently amended): A printer comprising:

a first housing;

a printing module installed on the first housing for printing data according to print signals; and

10   a first wireless transmitting module electrically connected to the printing module; and

a controller comprising:

a second housing ~~that can be detached~~ installed on the first housing;

15   a processor installed in the second housing for processing programs and data; ~~and~~

a display panel installed on the second housing and electrically connected to the processor for displaying data; and

20   a second wireless transmitting module electrically connected to the processor for wirelessly exchanging data with the first transmitting module;

wherein after a button on the first housing receives a print command, a print signal is transmitted to the processor, and the processor transmits the print signal to the printing module through the first and second wireless transmitting modules.

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Claim 2 (original): The printer of claim 1 wherein the controller further comprises a plurality of buttons installed on the second housing for inputting control signals.

Claim 3 (original): The printer of claim 1 wherein the controller further comprises a

touch panel installed on the display panel for inputting control signals.

Claims 4-7 (canceled)

5 Claim 8 (currently amended): The printer of claim 17 wherein the first wireless transmitting module and the second wireless transmitting module utilize the IEEE 802.11b WLAN protocol.

10 Claim 9 (currently amended): The printer of claim 17 wherein the first wireless transmitting module and the second wireless transmitting module utilize the Bluetooth™ WLAN protocol.

15 Claim 10 (currently amended): The printer of claim 17 wherein the first wireless transmitting module and the second wireless transmitting module transmit data by infrared.

Claim 11 (original): The printer of claim 1 wherein the controller further comprises a storage device that can be detached installed on the second housing for storing data.

20 Claim 12 (original): The printer of claim 11 wherein the storage device is a read-only memory (ROM).

Claim 13 (original): The printer of claim 11 wherein the storage device is a flash memory.

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Claim 14 (original): The printer of claim 1 wherein the second housing further comprises a third connecting port for connecting an image input device.

30 Claim 15 (original): The printer of claim 14 wherein the third connecting port conforms to USB1.0 or USB2.0 standard.

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Claim 16 (original): The printer of claim 14 wherein the third connecting port conforms to IEEE1394 standard.